**Mongo DB Database**

**Trainer**

**PK**

**Tid TName**

100 John

101 Steven

102 Leena

**Student**

**PK** **FK**

Sid SName age TId

1 Seeta 21 100

2 Meeta 22 100

3 Veeta 23 101

db.Trainer1.insert({

\_id:102,

tname:"Leena",

technology:["HTML","CSS","JS","Angular"],

students: [

{ sid: 1, sname: 'Seeta', age: 21 },

{ sid: 2, sname: 'Meeta', age: 22 },

{ sid: 3, sname: 'Veeta', age: 23 }

]

});

Creating linked style relationship using Trainer and Student

separate collection for trainer

**db.Trainer.insertMany(**

**[**

**{\_id:100,tname:"John",technology:["Java","Python"]},**

**{\_id:101,tname:"Steven",technology:["Python"]},**

**{\_id:102,tname:"Leena",technology:["HTML","CSS","JS","Angular"]}**

**]);**

separate collection for student

**db.Student.insertMany([**

**{\_id:1,sname:"Meena",age:21,tid:db.Trainer.findOne({\_id:100}).\_id},**

**{\_id:2,sname:"Veena",age:22,tid:db.Trainer.findOne({\_id:100}).\_id},**

**{\_id:3,sname:"Keena",age:23,tid:db.Trainer.findOne({\_id:101}).\_id},**

**{\_id:4,sname:"Ueena",age:25,tid:[db.Trainer.findOne({\_id:100}).\_id,db.Trainer.findOne({\_id:102}).\_id]}**

**]);**

HttpClient

Angular ------🡪 Java , Servlet , JSP

Angular 🡨-----------🡪Spring boot 🡨------🡪 MySQL

Rest API Mongo DB

JSON

Micro Service

Login Module Using Java technology -🡪 MySQL Database

Customer module using Python technology-🡪 my SQL Database

Product modules using java technology -🡪 mongo db

Account module -🡪 node js ---🡪 Oracle database.

Aggregate function : aggregate function is use to combine more than one document from same collection or different collection and apply maths operation and get the result.